

Choice of Optimal Consumption of Electric Power in
Elements of Radio Apparatus, by N. F. Vollermer, 13 pp

RUSSIAN, per, Iz Vyschikh Ucheb Zaved MWISSO SSSR po
Rudeln Radiotekh, Vol VI, No 3, 1963, pp 287-291.

JPRS 22132

Sci
Dec 63

244,060

Frequency Modulation of Band RC-Generators, by
H. F. Vollermer, 14 pp.

RUSSIAN, per, Radio, Vol III, No 4, 1948,
pp 47-55.

MRL Tr 193

Scientific - Electronics
CTS/DEK

9387

6-0
Electrodeposition of Platinum Metals, by
C. Vollers.
DURCH. per. T. Kisch, Oxydationstechniken
Metallen, Vol 6, No 5, 1962, pp 32-37.
NLE Ref: 9022.4 (68/50)

C. VOLLERS

Sci-Elect
Jan 69

373.658

Entry of Sulfur Into Plants During Root or Leaf-
Feeding, by I. V. Masolov, L. P. Volleydt

RUSSIAN, no par, *Uchreniye i Snn Ureshay*, Vol I,
No 8, 1956, pp 13-17. CIA 9007514

USDA

Sci - Biology
Jan 57 CTR

42,376

Deformation Behavior in the Thyssen Method of Steel
Calibration, by H. Vollmaier. UNCL

GERMAN, per, Stahl u Eisen, 22 May 1952,
pp 611-616.

British Iron and Steel Ind
(no number given)

Ref - Hager
Seq 55

99 45

Method for the Preparation of Hexachloroindenone
and Pentachloroindenone or 1, 3-Diketohexachloro-
hydrindene, by H. Vollman, 4 pp.

German
GERMAN, Patent Application F9989, Class 12, 25,
26 Sep 1952. Patentblatt, Vol LXXIV, 7 Oct 1954,
p 1410.

S.L.A. Tr No 57-176

Sci - Chemistry, organic
Apr 57

46,853

Vollmann
SCIENTIFIC ZETKO EXCHANGE STUDIES ON HIGHLY
CHLORINATED AROMATICS. IV. FORMATION OF
OCTACHLORODIPHENYLENE DIOXIDE FROM
PENTACHLOROPHENOL AND A METHOD FOR SPLIT-
TING DIPHENYLENE DIOXIDES TO FORM 2,2'-
DEHYDROXYDIPHENYLETERS. [1963] [5]p.
Order from OTS or SLA \$1.10 63-16051

Trans. of mono. (report) of I. G. Farbenindustrie
A. G., Urdingen Works, Apr 43 (FB-591).

DESCRIPTORS: *Chlorides, Phenyl radicals, Dioxides,
*Phenyl ethers, Hydroxides, *Phenols, Synthesis
(Chemistry), Drugs, Dyes, Production.

(See also 63-16050)

(Chemistry--Organic, TT, v. 10, no. 7)

63-16051

1. Title: 2,2'-Dihydroxydi-phenylethers
2. Title: Diphenylene dioxides
3. Title: Octachlorodiphenylene dioxide
4. Title: Pentachlorophenol
I. Vollmann
II. Title: Formation ...
III. FB-591

1047529

Office of Technical Services

Investigations on the System (Copper-Cuprous Sulphide,
by F. Johannsen, H. Volkmann. 131
Chem. Ber., 93, 1960, pp. 313-318.
CSHD/98A

Col-116
Aug 69

389,606

H. Volkmann

Tissue Culture Experiments With the Bacilli of
Rat Leprosy, by R. Kudicke, H. Vollmar, 9 pp.

GERMAN, per, Zentralblatt fuer Bakteriolog, Abt I.
Vol CXL, 1937, pp 293-297.

NIH-12-27

Sci - Med

57, 822

Jan 58

A New Method to Achieve Constancy of Tape Tension in
Magnetic Tape Equipment, by E. Vollmer, W. Rank, . pp.

GERMAN, ser. DK 631.846.7

CIA/FDD XX-1214
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Jul 62

USIE INTERNAL USE ONLY

Predetermination of the Natural Lighting of
Interiors, by R. Vollmer. UNCL

GERMAN, per, Lichttechnik, Vol IX, No 8, 1957,
pp 407-409.

DSIR 33491/CT

Engr
Sci - Electron
Feb 59

81,492

The Transmission of Gases and Vapours
Through Paper, by W. Vollmer, 8 pp.

GERMAN, per, Chem Ing Tech, No 2, 1954,
pp 90-94.

7
SLA Tr 57-1842

Sci

Jul 58

17,955

VOLLMERT, G.
KÖNIG, A.

Stahl Und Eisen, vol. 63, No. 43, 650 words; 1943.

Improved Colorimetric Method for Solibromin in Steel
After A. Eder.

Butcher Trans, Order No. 1564 \$1.00

The Attrition of River Beds in Flood, by L. Vollo.

ITALIAN, per, L'Energia Elettrica, Vol XXIX, No 4,
1952, pp 213-220.

D.S. ^F ~~X~~ .R. / 1101 ⁹ / CT

Scientific - Geophysics

DEX ONLY

12,165

J-1085/64

How They See Us, by Sacha Volman. (DC-10710)

SPANISH, np, La Nacion, 28 Jul 1964,
2 pp.

*JPRS

LA - Bolivia

Pol

Aug 64

On the Mechanisms of Molecular Motion in
Crystals, by M. Volmer, 4 pp.
BERGMAN, per, Z. Physik, 7, 1921, pp. 13-17.
*INDEX FILE 70-57851

sci/phys
June 70

Volmer

Theory and Measurement of Diffusion of
Adsorbed Molecules on Solids, by
M. Volmer, 7 pp.
GERMAN, per, 3. Phys. Chem. vol 119,
1926, pp. 46-52.
*RDS TCF 70-57853

Sci/phys
June 70

On the Ideas and Experiments of Particle
Motion in Solids, by H. Volmer, 14pp.
GERMAN, per, Z. Phys. Chem, vol 115,
1925, pp. 239-252.
*NBS TR 70-57852

Sci/phys
June 70

TT-45-11312

Field 7D

Volmer, M.

DETERMINATION OF MOLECULAR WEIGHT IN
GASHO'S STATE AT VERY LOW PRESSURES ACCORD-
ING TO THE EXPERIMENTS OF S. HELLE AND
K. NEUMANN. 16p, 12refs.
Order from SLA: \$1.60 as TT-65-13912

Trans. of Zeitschrift fuer Physikalische Chemie,
Leipzig (Germany) p863-73 1931.

On the Extinction Period of Fluorescence, by O.
Stern, M. Volmer, 13 pp.

GERMAN, per, Physik, Zeitschr, Vol XX, No 8, 1919,
pp 183-188.

S.L.A. Tr 693/1955

Sci - Physics
Apr 1957 CTS/dex

50,298

Process for the Production of Difficultly-
Inflammable and Solvent-Resistant Polymers, by
B. Vollmert, K. J. Fust, H. Willersinn, 5 pp.

GERMAN, patent No 1,066,743.

SIA 60-14208

Sci
Feb 62
Vol. III, No 11

18.2.788

106
Stability Criteria of Shells, by A. S. Vol'mir,
21 pp.

RUSSIAN, per, Raschet Prostranstvennykh Kon-
strukttsiy. Sbornik Statey. Izd-vo Literaturny po
stroitel'stvu, No 9, 1964, pp 117-119.

F10035067
FID-HE-66-377

Sci-Physics
Jan 68

340,430

An Investigation of the Dynamic Behavior
Using an Electronic Digital Computer, by A. Yu.
Birkgan, A. S. Vol'mir, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5:
1960, pp 1083-1085.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 409

Jun 61

Behavior of Cylindrical Shells Under Dynamic
Loading by Hydrostatic Pressure or by Axial Com-
pression, by V. L. Agamirov, A. S. Vol'mir, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Mek i Mash, No 3, 1959, pp 78-83.

ARB
Vol XXXI, No 1

Sci-Phys

Mar 61

141,733

An Experimental Investigation of the Bursting
of a Shell under Dynamic Load, by A. S. Vol'mir
V. E. Mineyev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXV,
No 5, 1959, pp 1002-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, no 2

Sci

Dec 59

101,861

Survey of Investigations on the Theory of Flexible
Plates and Shells (Covering the Period From 1941
to 1957), by A. S. Vol'mir. 45pp.

RUSSIAN. In: Raschet Prostranstvennykh Konstruktsiy,
Vol. 10, 1959. (Moscow) pp 451-475. 9214589.

RUSA. TI 8-100

243, 450

REC'D BY JACV 6/8
6/8/59

1

On the stability of dynamical systems
Shella, by A. S. Vol'mir, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 1958, No. 5,
1958, pp 306-308.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 6

Sci - Phys
Jul 59

7: 7: 9

Review of:
Soviet University Textbook: "Flexible Plates and
Shells, by A. S. Volmir. UNCLASSIFIED

GERMAN, review, 1956-1958, Encl to IR610-58, USAFE,
ATI Dir.

AF 1204335

Nov 58

On the Influence of Initial Irregularities on
the Stability of Cylindrical Casings Under
Outside Pressure, by A. S. Volnitskiy, 4 pp.

RUSSIAN, Abstracted per, Dok Ak Nauk SSSR, Vol. CIVT,
No 2, 1957, pp 291-293.

Consultants Bureau

Sci - Physics
Dec 57

55,962

Methods for Testing Thermal Inertia in
Thermocouples and Resistance Thermometers,
by G. M. Levin, V. I. Vol'mir, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 4, 1960
pp 27-30.

ISA

Sci
Feb 61

138, 392

Characteristic Thermal Inertia Curves of
Conventional Thermocouples and Resistance Thermometers
by G. M. Levin, V. I. Vol'mir, 5 pp.

RUSSIAN, per, Izmeritel Tekh, No 6, 1958,
pp 61-64.

Instra Soc of Amer

Sci

Apr 60

113,156

Shot Peening and Heat Treatment of Trolley-car
Axle Shafts, by N. Ya. Vol'man.

RUSSIAN, per. Metal i Term Odra Metallov, No 11,
1959, pp 40-42.

HB 4996

Sci - Min/Metals

164,320

Aug 61.

V. Formation of $\text{Ca}(\text{O}_2)_2$ by Irradiation of
 $\text{CaO}_2 \cdot 2\text{H}_2\text{O}_2$ With Ultraviolet Light, by I. I.
Voinov, V. N. Chamova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 5,
1953, pp 1095-1097.

AEC Tr-4453
PL-48C

Sci
Feb 52
PST 375

10/1/53

Sci

Effect of Surface on the Process of Formation of
 $\text{Ca}(\text{O}_2)_2$ From $\text{CaO} \cdot 2\text{H}_2\text{O}$, by I. I. Vol'nov,

V. H. Chamova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 5,
1958, pp 1098, 1099.

AEC Tr-4455
PL-480

194,400

Feb 62
PST 375

Sci

Reactivity of Alkali Earth Metals Superoxide in
Relation to H_2O and CO_2 by I. I. Vol'kov, A. I.
Shatunina. 8 pp.

RUSSIAN. Dokl. Zhur Neorgan Khim, Vol IV No 7
1957, pp 1674-1678.

AFC-tr-4057

Sci - Chemistry

Doc (6)

PST (4)

Studies in Synthesis of Alkaline Earth Superoxides,
by I. I. Vol'nov, V. N. Chernova, L. I. Latysheva,
9 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 263-267.

AEC-tr-1052

P2 - 456

Sci

145,194

Apr 61

PST No 79

Studies in Syntheses of Alkaline Earth Superoxides,
by I. I. Vol'nov, E. I. Letysheva, 7 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 259-262.

AEC-tr-4052

PL-480

Sci

Apr 61

145, 193

PST No 79

The Formation of NaO_2 from Na_2O_2 and SO_2
by I. I. Vol'nov, A. N. Shchunina.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 7,
1959, pp 1491-1493.

Cleaver-Hume Trans Vol.
London

Sci - Chem
Jan 60

106, 3081

Separation of Calcium Chloride From Solvay Spent
Liquor Through Calcium Hydroxy-Chloride, by I. I.
Volinov, E. I. Latysheva, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXV, No 7, 1957,
pp 977-984.

Consultants Bureau

Sci - Chem

Oct 58

74, 094

Study of Systems Containing Concentrations of
Fertilizer. Communication 6. Chemical Equilibrium of
the Ternary System $Mg(OH)_2-H_2CO_3-H_2O$. I. I. Volnov,
I. I. Volnov, 4 pp.

RUSSIAN, also per, Iz Ak Nauk SSSR, Otdel Khim.
No 5, Sep-Oct 1951, pp 765-769. CIA O 30501

Consultants Bureau

Scientific - Chemistry

28,825

11-11-51

On the Possibility of Obtaining $Ba(O_2)_2$, by I. I.
Vol'nov, A. N. Shatunina.

RUSSIAN, three-no per, Dok Ak: Nauk SSSR, CX, No 1,
1956, pp 87, 88.

Navy Tr 1459/RUL 603

PLA

Sci - Chemistry
Apr 1957/CIB/dex

45, 728 1 711

Research on the Synthesis of Superoxides of
Alkaline Earth Metals, 1. Interaction of
~~Calcium Peroxide~~ $\text{CaO}_2 \cdot 8 \text{H}_2\text{O}$ With Ferrihydroxide
About 100° , by I. I. Volnov, M. V. H
Chumova, V. P. Sergeeva, E. I. Latysheva.

RUSSIAN, per, Zhur Neorg Khim, Vol I, 1956,
pp 1937-1942.

Consultants Customs Tr
~~86F-298B~~
\$31.50

Sol. - ECHM Chem
Mar 59

Unsaturated Organic Silicon Compounds.
Preparation of Hexaacetylene Siloxane and
Triethoxysilylphenylacetylene, by
Yu. Vol'nov, A. Reutt.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol X, No 17, 1940, pp 1600-1604.
SIA TT 64-30151

Yu. Vol'nov

May 67

327,189

Probability of backfiring in high voltage mercury
valves, by Yu. I. Val'nov.

RUSSIAN. paper. Radio elektronika, No 4, 1958.

pp 6-12.

REF ID: A774.5 (1557)

Yu. I. Val'nov

Sci.-Info

Aug 1961

303.634

Decomposition of Ortho Esters of Monosilane
on Heating Under Pressure and Splitting Out of the
Free Silicon, by D. N. Belgov, Yu. N. Vol'mov.
RUSSIAN, per, Zhur (Zhukhai) Khimii, Vol 2, I,
No 2, 1931, pp 336-339.
SLA TT 64-30152

Yu. N. Vol'mov

May 67 325,053

(NY-5221)

Installation Methods for Protective and Matching
Devices of Overhead Communication Lines, by N. P.
Volnova, 8 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1955.

JPRS 7090

Sci

158,307

Jul 61

Additional Effects Between Circuits Due to
Insertion of Insulators Along Line, by N. P.
Volnova.

RUSSIAN, per, *Elektrosvyaz*, No 9, Sep 1957,
pp 65-73.

Consultants Bureau

Sci - Electronics
Jan 60

108, 150

(NY-4851)

The Design of an Overhead Line in Case of Steel
Wire Circuits Multiplexed by Means of a V6-3
Unit, by N. P. Volnova, 15 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, 1959.

JPRS 5996
FDD/X-3728

Sci

Feb 61

139, 234

The Design of an Overhead Line in Case of Steel Wire
Circuits Multiplexed by Means of a VS-3 Unit, by
N. P. Volnova, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, Moscow, 1959.

FDD/X-3726

Sci - Electron
Sep 59

Leading Wire Rolling Mill Practice, by Volobuyev.

RUSSIAN, no per, Stal, No 10, 1955, pp 922-930.

~~Sci - Engr~~ Tr 561
(5.0.0)

57,653

Sci - Engr
Jun 58

Effect of Columbium on Temper Brittleness of
Homogeneous Steel, by I. V. Volobuyev, N. M.
Suvorov.

RUSSIAN, part, Metal i Term. Obrab. Metallov,
No 2, 1959, pp 28-33.

1959

See - Min/let

May 59

11/11/59

Peculiarities of the Degeneration of Monopoly
Capitalism in Russia, by P. Volobuyev, 6 pp.

RUSSIAN, per, Voprosy Ekonomiki, No 2, 1958,
pp 60-70.

Internatl Arts and Scil Press
Vol I, No 4

USSR
Econ

Aug 58

71,821

ON THE IMPREGNATED - STREAKED SEMIMETALLIC
MINERALIZATION IN THE GRANITES OF THE CHU-
ILIYSKIYE MOUNTAINS, BY V. I.
VOLOBUYEV, 9 PP.

RUSSIAN, PER, IZ AK NAUK KAZAKHSKOY SSR,
SERIYA GEOLOGICHESKAYA, NO 2, 1962,
PP 24-31.

JPRS 16955

SCI M/M

JAN 63

212,161

Salt Differentiation in Alluvial Fans,
by V. R. Volobryev, G. A. Buzanovskiy, 5 pp.
RUSSIAN, per, Pochvovedniye, No 1, 1963,
pp 44-52.

Scripta Technica

Sci
Jun 64

261,357

Ecology of Soils, by V. R. Volobuev, 265 p.
RUSSIAN, mono, Ekologiya Pochvy, Baku, 1963.
IPHT-2099

V. R. Volobuev

Sci-Bar Sci
Jun 66

303,742

Change in the Content of Silica, Alumina, and Iron
in Soils in Relation to Hydrothermal Conditions
By V.R. Volobayev, pp 7

RUSSIAN, par. Pochvovedeniye, No 5, 1962 - pp 73-82

SCRIPTA TECHNICA

Sci.

240-985

Oct 63

61-15302

Volobuev, V. R.
CRITICAL LEVEL OF GROUNDWATER THAT SALI-
NIZES SOIL (O Kriticheskom Urovne Gruntovykh vod
Zasolyayushchikh Pochvu) tr. by E. Feigl. [1960]
[11]p. (foreign text included). CSIRO Trans. no. 5002.
Order from LC or SLA ml\$2.40, ph\$3.30 61-15302

Trans. of Akademiya Nauk Azerbaydzhanakoy SSR
[Baku]. Doklady, 1946, v. 2, no. 8, p. 332-335.

1. Hydrology
2. Soils--Physical factors
1. Volobuev, V. R.
- II. CSIRO Trans-5002
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

(Agriculture, TT, v. 5, no. 8)

61-28213

Volobuev, V. R.
"AMELIORATIONAL" SOIL TYPES (O Mellorativnykh
Tipakh Zemel') tr. by E. Feigl. [1961] (foreign text
included) [18]p. 6 refs. [CSIRO] Trans. 5298.
Order from OTS or SLA \$1.60 61-28213

Trans. of Akad[emiya Nauk Azerb[aidzhanskoi] SSR
[Baku]. Doklady, 1951, v. 7, no. 12, p. 565-570.

DESCRIPTORS: *Soils, Classification, Moisture, Hy-
drology, Salts, Erosion, USSR.

(Agriculture--Plant Cultivation, TT, v. 6, no. 11)

I. Volobuev, V. R.
II. CSIRO Trans-5298
III. Commonwealth Scientific
and Industrial Research
Organization, Australia

Office of Technical Services

(SECRET)

The New Herbicide "Etherec-66", by
V. P. Volobuyev, 5 pp.

RUSSEAN, per, Dok Ak Nauch Azerbaydzhanskoy
SSR, Vol XVII, No 4, 1961, pp 321-324.

JPRS 13470

Sci - Chem

19 2, 417

Apr 62

Critical Level of Groundwater That Salinizes
Soil, by M. Molobuyev.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol. II, No 8, 1946, pp 332-335.

OSIRO Tr 5002

Sci - Geophys

Jun 61

157,187

(NY-6428)

A Month in Ghana, by V. R. Volobuyev, 5 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXXI, No 2,
1961, pp 86-89.

JPRS 9886

Sci

165,930

Sep 61

Data on the Composition of the Flora in Relation
to Salt Content of the Soils in the High Steppes,
by V. R. Volobuev.

RUSSIAN, per, Study Inst Pechrov 1 Agrich Ak Nauk
Sovetskoih SSSR, Vol VII, 1956, pp 225-232

OLING-387C

Sci

Aug 58

71, 261

Chemico-Geographical Regularities in the
Salinization of Soils of the Kara-Araks Plain,
by V. R. Volobuev, 10 pp.

RUSSIAN, per, Pochvovedeniye, No 2, 1950, pp 117-123.

Sci Trans Center RT-961

Geophysics

Scientific - ~~Geology~~

028 / 028

14,049

Role of the Warm Humid Season in Soil formation,
by V.R. Volobuyev, 8 pp.

RUSSIAN, per, Pochvovedeniye, No 2, 1959, pp 1-8

Amer Inst of Biol Sci

Sol
Dec 60

135,230

A Comparative Geographical Study of Climatic
Conditions of Chernozem Formation (Contribution
to a Discussion of Chernozem Classification), by
V. R. Volobuyev, 8 pp.

RUSSIAN, per, Pochvovedeniye, No 8, 1958, pp 84-92.

AIBS

Sci
Jan 61

157, 02-58

An Improved Angstrom-Compensation Pyrheliometer by
F. E. Valochine, by Dr. J. Georgi. UNCLASSIFIED

GERMAN, per, Meteorologische Rundschau, Vol VII,
Nos 5, 6, 1954, pp 100-101.

Navy Tr 1199/BO 220

24895

Scientific - Astronomy Jul 55 CTS/DEK